

XX. *On a new Arachnide uniting the Genera Gonyleptes and Phalangium.*  
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DR. MAXIMILIAN PERTY in his able work on Brazilian Insects has formed two grand divisions of *Phalangidæ*, and has given us the following characters, viz.

DIVISIO 1ma. Palpis spinosis, pedibus inæqualibus posticis et reliquis valdè remotis, femoribus incrassatis, abdomine plùs minùsve in cephalothorace occulto.

DIVISIO 2da. Palpis muticis, pedibus omnibus subæqualibus aut æqualibus, abdomine nunc occulto nunc libero.

As it is at first sight evident that the subject of the present paper can belong to neither of these divisions, partaking as it does of the characters of both, I may be allowed perhaps to suggest the adoption of a third division, viz.

DIVISIO 3tia. Palpis spinosis, pedibus inæqualibus posticis valdè elongatis, non à reliquis remotis, abdomine libero.

By means of this division, the genera *Cosmelus* and *Decosoma*, Perty, remain by themselves, and the genus *Phalangium* is united with *Dolichoscelis* the subject of the present notice, the characters of which are detailed at length.

ARACHNIDA. TRACHEARIA (*Lamarck*).

Fam. PHALANGIDÆ.

DOLICHOSCELIS\*. *Hope*.

\* From *δολιχὸς longus*, and *σκέλος crus*.

*Character essentialis.**Mandibulæ* chelatæ.*Palpi* unguiculati, spinosi.*Pedes* inæquales, posticè longissimi, præcedentibus haud remoti.*Character naturalis.**Corpus* subtrigonum, depressum, angulis anticis subrotundatis, suprâ tuberculatum, lateribus marginalibus incrassatis.*Caput* anticè valdè emarginatum, vertice cornubus duobus basi externè oculigeris armato.*Oculi* benè ferè rotundati.*Mandibulæ* 2-articulatæ, pedunculo brevi affixæ, articulo 1mo trigono, apice dilatato, 2do subovato-chelato.*Pulpi* 5-articulati, incurvi, articulo 1mo minimo, 2do ferè triplò majori, internè subspinigero, 3tio dimidiam partem præcedentis vix æquanti, ad apicem incrassato, 4to subcylindrico, basi crassiore apiceque contracto, crebrisque aculeis setiformibus armato, ultimo subovato depresso spinoso, apice unguiculato, ungue longo incurvo acuto.*Pedes* octo, anteriores brevissimi, proximè antecedentibus ferè triplò longiores, penultimi binis primis anticis duplò longiores; postici longissimi, non à reliquis remoti, binis anticis pedibus sextuplò longiores.*Tibiæ* 3-articulatæ, articulo 1mo brevè incrassato, 2do longiori, 3tio longissimo.*Tarsi* omnes unguiculati, in quatuor anterioribus unguibus internis obsoletis, undecim articulati, articulo 1mo quatuor sequentibus æquali, reliquis magnitudine decrescentibus.

## DOLICHOSCELIS HAWORTHII.

## TAB. XVI.

Long. corp. lin.  $3\frac{1}{2}$ .Lat. corp. anticè lin. 2., posticè lin.  $2\frac{1}{2}$ .

Flava; capite cornu utrinque oculigero erecto, pedibus posticis longissimis.

*Caput* valdè emarginatum, cornu utrinque oculigero erecto. *Oculi* obscuriores.



